

WHAT IS CLAIMED IS:

Sub A1  
1. A thermally processed image forming material having on only one side of a support an image forming layer characterized in that the outermost layer on the same side with the image forming layer contains a binder different from that contained in the outermost layer on the opposite side of the support.

2. The thermally processed image forming material as claimed in Claim 1, wherein the binder contained in the outermost layer on the same side with the image forming layer and the binder contained in the outermost layer on the opposite side of the support have a common monomer composition to a degree less than 75 wt%.

Sub C2  
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3. The thermally processed image forming material as claimed in Claim 1, wherein a ratio of an I/O value of the binder contained in the outermost layer on the same side with the image forming layer and an I/O value of the binder contained in the outermost layer on the opposite side of the support is within a range from 0.1 to 0.90, or within a range from 1.10 to 10.

4. The thermally processed image forming material as claimed in Claim 1, wherein the binder contained in the outermost layer on the opposite side of the support has a softening point of 100°C to 250°C.

5. The thermally processed image forming material as claimed in Claim 4, wherein the binder contained in the outermost layer on the opposite side of the support has a softening point higher than a glass transition point of said binder by 30°C or more.

6. The thermally processed image forming material as claimed in Claim 1, wherein a ratio of a Vickers hardness of the binder contained in the outermost layer on the same side with the image forming layer and a Vickers hardness of the binder contained in the outermost layer on the opposite side of the support is within a range from 0.1 to 0.95, or within a range from 1.05 to 10.

Sub B2  
7. The thermally processed image forming material as claimed in Claim 1, wherein the binder contained in the outermost layer on the same side with the image forming layer or on the opposite side of the support contains a polymer latex in an amount of 50 wt% or more

B2  
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of the total binder.

8. The thermally processed image forming material as claimed in Claim 7, wherein the outermost layer on the same side with the image forming layer or on the opposite side of the support contains a fluorine-containing surfactant.

9. The thermally processed image forming material as claimed in Claim 7, wherein the outermost layer on the same side with the image forming layer or on the opposite side of the support contains a slipping aid.

10. The thermally processed image forming material as claimed in Claim 1, wherein the image forming layer contains an organic acid silver salt and a reducing agent.

add Q<sup>2</sup>

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